SPECIFICATION SHEET JFW MODEL 50PA-717 LC HANDOVER TEST SYSTEM

JFW Industries, Inc. Phone: 317-887-1340 sales@jfwindustries.com www.jfwindustries.com

Frequency	Range	2-6	GHz
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Configuration	16 X	2	LC	Handover	Test	System
	(See	b]	Lock	diagram	092-	7339)

Enclosure Type 19 inch rack mount @ 3RU high

Impedance 50 Ohms nominal

Attenuation Range 0-95 dB in 1 dB steps

Startup/Default States

(configurable)

Maximum attenuation (see ATTEN STARTUP command)

DHCP enabled (see NET command)

4 Ethernet users (see NET USERS command

Prompts off (see PROMPT command)

VSWR 1.6:1 maximum

Attenuation Accuracy ± 0.50 dB 1-3 dB (guaranteed monotonic) ± 0.75 dB 4-7 dB ± 1.00 dB 8-11 dB ± 1.25 dB or 4% 12-95 dB (whichever is greater)

Insertion Loss 31 dB maximum

25 dB typical @ 2 GHz 29 dB typical @ 6 GHz

Isolation 28 dB minimum (In 1-16 to In 1-16)

18 dB minimum (Out 1 to Out 2)

RF Input Power +27 dBm average +33 dBm (no damage)

Switching Speed 4 microseconds typical

(after command is received and processed)
(3 milliseconds typical processing time)

AC Supply 100-240 VAC @ 47-63 Hz

2 Amp 5x20mm "Slo-Blo" AC fuse Littelfuse#215-002, JFW#025-021

Manual Control 20-Button Keypad and LCD display

(IP Address configurable via keypad) (Net mask configurable via keypad) (Gateway configurable via keypad) (Baud rate configurable via keypad)

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Remote Control Ethernet (DHCP, TCP/IP, 10/100, up to 12 users)

RS-232 (up to 115200 Baud)

Remote Commands Attenuator Control Commands:

Atten, Set Attenuator, Read Attenuator, Set All Attenuators, Read All Attenuators, Read All Extended, Fade Attenuator, Variable Attenuator Handover, Block, Set Block, Read Block, Read All Blocks, Fade Block, Variable

Block Handover

System Commands:

Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users,

Reboot, Uptime, Prompt

RF Connector N or SMA female

Operating Temperature Range 0°C to +50°C

Physical Size See outline drawing 092-7338

ECR/ECN # DATE	REV	APPR / DATE	ECR/ECN # DATE	REV APPR / DATE
04/26/2012		CLK 04/26/2012		
28159 10/06/2017	A	CLK 10/06/2017		

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